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(54) **VIRTUALIZED STORAGE ASSIGNMENT METHOD**

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(57) **ABSTRACT**

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Various aspects are disclosed for building a device driver stack in a virtual machine partition that does not physically control the device represented by the stack. In an embodiment, a secondary interface and driver for an I/O device may be instantiated. Information from an I/O virtualization layer describing the devices that the associated driver may control may be requested. A multi-path redirection layer may provide a handle to an existing stack that includes a driver for the I/O device. This existing stack may then be used to communicate with the device and allow the creation of a new stack including an object representing the device and a new driver for the device. The multi-path redirection layer may then open a handle to the new stack and inform the device virtualization layer, which may then ask the existing device interface to relinquish control of the device to the newly created interface.

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